

Title (en)
POLYOLEFIN-CONTAINING HOT-MELT ADHESIVES

Title (de)
POLYOLEFINHALTIGE SCHMELZKLEBSTOFFE

Title (fr)
ADHÉSIFS THERMOFUSIBLES CONTENANT DES POLYOLÉFINES

Publication
EP 4007792 A1 20220608 (EN)

Application
EP 20846968 A 20200730

Priority
• US 2020044163 W 20200730
• US 201962881462 P 20190801

Abstract (en)
[origin: WO2021021990A1] A hot melt adhesive uses a blend of polymers having controlled stereoerror and comprises a stereoblock polypropylene comprising a first block having an isotactic index of between about 50% and about 95% and a second block having an isotactic index of between about 5% and 50%, wherein the difference between the isotactic indices of the first block and the second block is at least about 10%. The hot melt adhesive exhibits improved peel and tack properties without compromising shear strength and vice versa.

IPC 8 full level
C08L 23/12 (2006.01); **C09J 123/12** (2006.01); **C09J 123/14** (2006.01)

CPC (source: EP US)
C08L 23/12 (2013.01 - EP); **C09J 7/243** (2017.12 - US); **C09J 7/35** (2017.12 - US); **C09J 123/12** (2013.01 - EP US); **C09J 123/14** (2013.01 - EP); **C09J 191/00** (2013.01 - EP)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2021021990 A1 20210204; AU 2020323944 A1 20220210; BR 112022001770 A2 20220322; CA 3147109 A1 20210204; CN 114207014 A 20220318; CN 114207014 B 20231110; EP 4007792 A1 20220608; EP 4007792 A4 20230809; JP 2022543202 A 20221011; MX 2022001034 A 20220302; US 2022325145 A1 20221013

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US 2020044163 W 20200730; AU 2020323944 A 20200730; BR 112022001770 A 20200730; CA 3147109 A 20200730; CN 202080055842 A 20200730; EP 20846968 A 20200730; JP 2022504717 A 20200730; MX 2022001034 A 20200730; US 202017641470 A 20200730